Permit

Permit ID:

AK0023213

JUNEAU, CITY AND BOROUGH OF

Permittee:

Facility:

Status:

JUNEAU, CITY AND BOROUGH OF

Permittee Address: Facility Location:

5433 SHAUNE DRIVE JUNEAU , AK99801

1540 THANE ROAD JUNEAU-DOUGLAS WWTP JUNEAU , AK99801

Permitted Feature:

001 - External Outfall

NetDMR Validated

Discharge:

Major:

001-A - (no description)

Report Dates & Status

Monitoring Period:

From 09/01/18 to 09/30/18

DMR Due Date:

10/15/18

Considerations for Form Completion

W=WEEKLY AVERAGE

Principal Executive Officer

First Name: Title:

Randall Supervisor

Last Name: Telephone:

Brown 907-586-0390

No Data Indicator (NODI)

Form NODI:

Units

Ex.

Freq. of Analysis

Smpl. Type

Pa	rameter	NODI	Quanti	ty or Loading			Quality or Cor	centration		#	Freq. of	Smpl.
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
	Temperature, water deg. centigrade	Smpl.						=18.9	04 - deg C	0	05/WK - Five Per Week	GR - GRAB
1 - Efflu	ent Gross										05/WK -	
Season	: 0	Req.						Req Mon DAILY MX	04 - deg C		Five Per Week	GR - GRAB
NODI: -		NODI										
00300	Oxygen, dissolved [DO]	Smpl.				=3.6		=5.3	19 - mg/L	0	05/WK - Five Per Week	GR - GRAB
1 - Efflu	ient Gross											
Season	: 0	Req.				>=2 DAILY MN		<=17 DAILY MX	19 - mg/L		05/WK - Five Per Week	GR - GRAB
NODI: -		NODI										
00310	BOD, 5-day, 20 deg. C	Smpl.	=83	=262	26 - lb/d		=10	=20	19 - mg/L	0	01/30 - Monthly	24 - COMP24
1 - Efflu	ient Gross											
Season	: 0	Req.	<=690 MO AVG	<=1380 DAILY MX	26 - lb/d		<=30 MO AVG	<=60 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -	-	NODI										
	BOD, 5-day, 20 deg. C	Smpl.	=2279		26 - lb/d		=295		19 - mg/L	0	01/30 - Monthly	24 - COMP24
G - Raw Influent	y Sewage :				, -				3,			
Season	: 0	Req.	Req Mon MO AVG		26 - lb/d		Req Mon MO AVG		19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		NODI										
	BOD, 5-day, 20 deg. C	Smpl.	=207		26 - lb/d		=19		19 - mg/L	0	01/30 - Monthly	24 - COMP24
Season		Req.	<=1035 WKLY AVG		26 - lb/d		<=45 WKLY AVG		19 + mg/L		01/30 - Monthly	24 - COMP24
NODI:	-	NODI										
00400	рН	C1				_6 7		=7.4	12 - SU	0	05/WK - Five Per	GR =
1 - Efflu	uent Gross	Smpl.				=6.7		=7.4	12 - 30	Ü	Week	GRAB
Season	: 0	Req.				>=6.5 MINIMUM		<=8.5 MAXIMUM	12 - SU		Five Per Week	GR - GRAB
NODI:	-	NODI										
	Solids, total suspended	Smpl.	=107	=356	26 - lb/d		=13	=47	19 - mg/L	0	01/30 - Monthly	24 - COMP24
1 - Efflu Season	uent Gross	Req.	<=690 MO	<=1380 DAILY			<=30 MO	<=60 DAILY MX	19 =		01/30 -	24 - COMP24
NODI:		NODI	AVG	MX	lb/d		AVG		mg/L		Monthly	COMP24
	Solids, total suspended		495-		26 -		460		19 =	•	01/30 -	24 -
G - Rav Influen	v Sewage t	Smpl.	=1280		lb/d		=169		mg/L	0	Monthly	COMP24
Season	: 0	Req.	Req Mon MO AVG		26 - lb/d		Req Mon MO AVG		19 - mg/L		01/30 - Monthly	24 - COMP24
NODI:		NODI										
	Solids, total suspended	Smpl.	=317		26 - lb/d		=33		19 - mg/L	0	01/30 - Monthly	24 - COMP24
W - Se	e Comments		4035		24		Z_AF WILLS		10		01/20	24 ==
Season	: 0	Req.	<=1035 WKLY AVG		26 - lb/d		<=45 WKLY AVG		19 - mg/L		01/30 - Monthly	24 = COMP24
NODI:	-	NODI										
00610	Nitrogen, ammonia total [as N]	Smpl.					=14	=18	19 - mg/L	0	01/30 - Monthly	24 = COMP24

Pa	rameter	NODI	Quan	tity or Loading			Quality or Cor	ncentration		#	Freq. of	Smpl.
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Туре
1 - Efflu	ent Gross											
Season	: 0	Req.					<=14 MO AVG	<=30 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		NODI										
00610	Nitrogen, ammonia total [as N]	Smpl.					=18		19 - mg/L	0	01/30 - Monthly	24 - COMP24
W - See	Comments											
Season	: 0	Req.					<=21 WKLY AVG		19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -	•	NODI										
01119	Copper, total recoverable	Smpl.						=0.0001	28 - ug/L	0	01/90 -	24 -
1 - Efflu	ient Gross	Jp							3/-		Quarterly	COMP24
Season	: 0	Req.						Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
NODI:	2	NODI										
50050	Flow, in conduit or thru				0.3						00/00	RC -
	treatment plant	Smpl.	=0.7	=1.85	03 - MGD					0	99/99 - Continuous	Recorder (auto)
1 - Efflu	ient Gross											GWS
Season	: 0	Req.	<=2.76 MO AVG	<=6 DAILY MX	03 - MGD						99/99 - Continuous	RC - Recorder (auto)
NODI: -	•	NODI										
	Enterococci	Smpl.						=0	13 - #/100mL	0	09/99 - See Permit	GR = GRAB
1 - Efflu	ient Gross							Reg Mon DAILY	13 =		09/99 -	GR =
Season	: 0	Req.						MX	#/100mL		See Permit	
NODI: -		NODI										
	Coliform, fecal general	Smpl.					=43	=140	13 - #/100mL	0	01/07 - Weekly	GR = GRAB
1 - Efflu	ent Gross							- BOO DAILY	13		01/07	CD
Season	: 0	Req.					<=200 MO GEOMN	<=800 DAILY MX	13 - #/100mL		01/07 - Weekly	GR = GRAB
NODI:		NODI										
	Coliform, fecal general Comments	Smpl.					=140		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
							<=400 WKLY		13 -		01/07 -	GR -
Season		Req.					AVG		#/100mL		Weekly	GRAB
NODI: :	BOD, 5-day,	NODI										
81010	percent removal	Smpl.				=97			23 - %	0	01/30 - Monthly	CA - CALCTD
K - Pero	ent Removal											
Season	: 0	Req.				>=85 MN % RMV			23 - %		01/30 - Monthly	CA - CALCTD
NODI:	1	NODI		*								
81011	Solids, suspended percent removal	Smpl.				=92			23 - %	0	01/30 - Monthly	CA - CALCTD
K - Pero	cent Removal											
Season	: 0	Req.				>=85 MN % RMV			23 - %		01/30 - Monthly	CA = CALCTD
NODI:		NODI										

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Size Туре 3779_001.pdf pdf 327921

Report Last Saved By

JUNEAU, CITY AND BOROUGH OF

User: CBJWASTEWATER1 Name: James Westcott jim.westcott@juneau.org E-Mail:

Date/Time: 2018-10-13 09:11 (Time Zone:-08:00)

Report Last Signed By

CBJWASTEWATER1 User: Name: James Westcott E-Mail: jim.westcott@juneau.org

Date/Time: 2018-10-13 09:11 (Time Zone:-08:00)

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Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Mark Mow

MAILING ADDRESS: 155 S. Seward Street Juneau, AK 99801

PERMIT NUMBER: AK0023213

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

LOCATION: 1540 Thane Rd

Juneau, AK 99801

MONITORING PERIOD: 9/1/2018

MONITORING POINT: 002 (N-11) (P) Sta.AE

oT NO DISCHARGE: 9/30/2018

						1-N 700 1 1 10 10 10 10 10 10 10 10 10 10 10	AVERS (A) (TT-N) ZOO	Xa.AE	7	NO DISCHARGE:	×
Parameter		Quantity	Quantity or Loading	Units	Qua	Quality or Concentration		Units	No.	Frequency of	Sample Tune
		Average	Maximum		Minimum	Average	Maximum		7	Analysis	Sample 1 ype
Biochemical Oxygen Demand	Sample		>			0		Ī			
(BOD5)	meas.				****						3
1 - Final Effluent	Permit	Report	Report	lbs/day	*****	Report	Report	mg/		When Discharging	n J
00310 R reqmt.	reqmt.	monthly average	daily maximum	E	#C (7) 	monthly average	daily maximum	9			9
Total Suspended Solids	Sample										
	meas.				***		7				
1 - Final Effluent	_	Report	Report	lbs/day	******	Report	Report	me/	1	When Dischard	
00530 R reqmt.	reqmt.	monthly average	daily maximum	11	204	monthly average	daily maximum	ė		Series Constitution States	GIA
Coliform, fecal MF, M-FC broth,	Sample	*****	***								
44.5 C	meas.										
1 - Final Effluent	Permit	*****	::::		*****	Report	Report	cts/100 ml		When Discharging	625
31616 R	reqmt.					monthly geometric	dally maximum			1	
Flow	Sample meas.				****	*****	****		1		
1 - Final Effluent Permit	Permit	Report	Report	MGD	******	:	*****			When Discharging	Recorded
50050 R requet	reqmt	monthly average	daily maximum							9	necorded
Duration of Discharge	Sample meas.	***	9		* * * * * * * * * * * * * * * * * * * *	*****			_		
1 - Final Effluent Permit	Permit	*****	report	min/day	****	*****	*****		_	When Discharging	Instantaneous
81381 R	requit	ă	daily maximum		19	3				Wilei Discharging	Reading
COMMENTS:		2	111						L		
					(E)						

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617 Attach an explanation of any violations. Reference all attachments below.

_		-
TYPED OR PRINTED	Mark Mow/Wastewater Collections SR. Operator	NAME/TITLE PRINCIPLE EXECUTIVE OFFICE
imprisonment for knowing violations.	prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and	NAME/TITLE PRINCIPLE EXECUTIVE OFFICE I certify under penalty of law that this document and all attachments were
AUTHORIZED AGENT		
AREA/NUMBER YY/MN	907 586-0393	TELEPHONE
MW/YY	16/1	DAT

YY/MM/DD	AREA/NUMBER YY/MM/DD	AUTHORIZED AGENT
	227	EXECUTIVE OFFICER OR
	-	SIGNATURE OF PRINCIPAL
10/1/18	907 586-0393	Made & mour
DATE	TELEPHONE	

Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Mark Mow
IAILING ADDRESS: 155 S. Seward Stre

MAILING ADDRESS: 155 S. Seward Street
Juneau, AK 99801

PERMIT NUMBER: AK0023213

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

LOCATION: 1540 Thane Rd
Juneau, AK 99801

MONITORING PERIOD: 9/1/2018

TO 9/30/2018

MONITORING POINT: 003 (N11.2) (Q) Sta C

a C NO DISCHARGE:

Flow COMMENTS: **Duration of Discharge** Coliform, fecal MF, M-FC broth, (BOD5) Biochemical Oxygen Demand Total Suspended Solids Parameter 1 - Final Effluent 81381 R 31616 R 00530 R 50050 R 00310 R reqmt. Permit requat. Permit requat Permit requit Permit requat. Sample Sample Sample Sample Permit meas. meas. meas. meas. Sample meas. Report monthly average monthly average monthly average **** Average **** ***** Report Report ***** Quantity or Loading Report daily maximum daily maximum daily maximum daily maximum Maximum ***** report Report Report min/day lbs/day lbs/day MGD Units **** Minimum **** ***** **** **** ***** ***** ***** ***** **** Quality or Concentration

Average Ma Report monthly geometric Report monthly average monthly average **** **** ****** ***** Report Report daily maximum daily maximum daily maximum Maximum **** ***** Report ***** Report ***** cts/100 ml Units **mg 3** No. When Discharging When Discharging When Discharging When Discharging When Discharging Frequency of Analysis Sample Type Instantaneous Recorded Reading Grab Grab Grab

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617

Attach an explanation of any violations. Reference all attachments below.

10/1/8	907 586-0393 /0///	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	designed to assure that qualified personnel property gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Mark Mow/Wastewater Collections SR. Operator TYPED OR PRINTED
DATE	TELEPHONE	*	prepared under my direction or supervision in accordance with a system	

Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Mark Mow

MAILING ADDRESS: 155 S. Seward Street Juneau, AK 99801

PERMIT NUMBER: AK0023213

LOCATION: 1540 Thane Rd FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

Juneau, AK 99801

70 9/30/2018

MONITORING PERIOD: 9/1/2018 MONITORING POINT: 004 (N-15.1) (R) Douglas

NO DISCHARGE:

Parameter		Quantity	Quantity or Loading	Units	0	How are Comment		17		o productive.	>
		Average	Maximum		Vu.	учанку от сопсепизион	HOD	Units	_	Frequency of	Sample Type
Biochemical Oxygen Demand	Samnla					Average	Maximum	8	Ŀ	Analysis	
(BODS)	meas.				****				13		la II
1 - Final Effluent Permit	Permit	Report	Report	lbs/day	*****	Parrort	14.5				
00310 R reqmt.	requit	monthly average	daily maximum	į		monthly average	daily maximum	mg/l		When Discharging	Grab
Total Suspended Solids	Sample								L		
	meas.				***						
1 - Final Effluent	Permit	Report	Report	lbs/day		Report	Report	mg/		When Discharging	
R	reqmt	monthly average	daily maximum			monthly average	daily maximum	é	_	Surfrem cocusing	GERB
Coliform, fecal MF, M-FC broth,	Sample	****							1		
44.5 C	meas.				***		- 8				
1 - Final Effluent Permit 31616 R requit	Permit reqmt		•	i i		Report monthly geometric	Report daily maximum	cts/100 ml	-	When Discharging	Grab
Flow	Sample					mean			L		
	meas.				****	***	****				
1 - Final Effluent Permit	Permit	Report	Report	MGD	******	*****	*****		<	Vhen Discharging	
50050 R	reqmt	monthly average	daily maximum						- 9	Surgicial Control Building	Recorded
Duration of Discharge	Sample meas.	***			* * * * * * * * * * * * * * * * * * * *	*****	****		4		
1 - Final Effluent 81381 R	Permit reqmt		report daily maximum	min/day	:	******			S	When Dischanging	Instantaneous Reading
COMMENTS:					5) El						ĺ

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TYPED OR PRINTED	Mark Mow/Wastewater Collections SR. Operator		NAME/ HILL PRINCIPLE EXECUTIVE OFFICE
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AUTHORIZED AGENT	Make mou.		
AREA/NUMBER YY/MM/DD	907 586-0393	ECEPHONE	
JQ/WW/AA	Isher	DATE	ı

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5000		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR	fine and
10/1/18	907 586-0393	Mary mou.	ge and
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	14		ated the